

## SEARCHING FOR OBJECT IMAGES WITH REDUCED COMPUTATION

### Abstract of the Disclosure

In one embodiment, the present invention includes a method to obtain a query image and search a database corresponding to object images for a solution set having a maximum similarity to the query image using fuzzy logic. Also in certain embodiments, based on fuzzy logic, the database may be partitioned into multiple sets based on a fuzzy similarity analysis of a measure of the object images to various thresholds.

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